

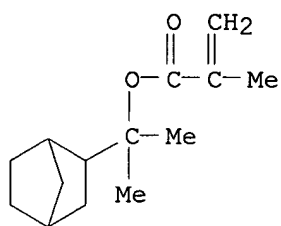
L Number	Hits	Search Text	DB	Time stamp
1	9127	gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone	USPAT	2002/09/11 13:44
2	3205	acid adj (labile or cleavable or dissociable or cleaving)	USPAT	2002/09/11 13:23
3	148	(gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) and (acid adj (labile or cleavable or dissociable or cleaving))	USPAT	2002/09/11 13:23
4	27518	alicyclic	USPAT	2002/09/11 13:23
5	25	((gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) and (acid adj (labile or cleavable or dissociable or cleaving))) and alicyclic	USPAT	2002/09/11 13:23
6	5264	(gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) same solvent	USPAT	2002/09/11 13:45
7	10	((((gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) and (acid adj (labile or cleavable or dissociable or cleaving))) and alicyclic) not ((gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) same solvent)	USPAT	2002/09/11 13:45

L Number	Hits	Search Text	DB	Time stamp
1	9127	gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone	USPAT	2002/09/11 13:44
2	3205	acid adj (labile or cleavable or dissociable or cleaving)	USPAT	2002/09/11 13:23
3	148	(gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) and (acid adj (labile or cleavable or dissociable or cleaving))	USPAT	2002/09/11 13:23
4	27518	alicyclic	USPAT	2002/09/11 13:23
5	25	((gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) and (acid adj (labile or cleavable or dissociable or cleaving))) and alicyclic	USPAT	2002/09/11 13:23
6	5264	(gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) same solvent	USPAT	2002/09/11 13:45
7	10	((gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) and (acid adj (labile or cleavable or dissociable or cleaving))) and alicyclic not ((gamma-butyrolactone or butyrolactone or gamma\$1butyrolactone) same solvent)	USPAT	2002/09/11 14:57
8	1	6372854.pn.	USPAT	2002/09/11 15:19
10	1	(norbornene or norbornyl) near3 butyrolactone	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/11 15:12
9	26	(norbornene or norbornyl) near3 lactone	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/09/11 15:12
11	1	3355462.pn.	USPAT	2002/09/11 15:20
12	2474	430/270.1.ccls.	USPAT	2002/09/11 15:20
13	22944	lactone	USPAT	2002/09/11 15:20
14	4751	lactone same solvent	USPAT	2002/09/11 15:20
15	18193	lactone not (lactone same solvent)	USPAT	2002/09/11 15:20
16	18263	(lactone not (lactone same solvent)) and12	USPAT	2002/09/11 15:20
17	128	(lactone not (lactone same solvent)) and 430/270.1.ccls.	USPAT	2002/09/11 15:20
18	27518	alicyclic	USPAT	2002/09/11 15:20
19	54	((lactone not (lactone same solvent)) and 430/270.1.ccls.) and alicyclic	USPAT	2002/09/11 15:21

L30 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS  
 RN 379257-76-8 REGISTRY  
 CN 2-Propenoic acid, 2-methyl-, 1-bicyclo[2.2.1]hept-2-yl-1-methylethyl  
 ester, polymer with bicyclo[2.2.1]hept-2-ene, 2,5-furandione and  
 (tetrahydro-5-oxo-2-furanyl)methyl 2-methyl-2-propenoate (9CI) (CA INDEX  
 NAME)  
 MF (C14 H22 O2 . C9 H12 O4 . C7 H10 . C4 H2 O3)x  
 CI PMS  
 PCT Polyacrylic, Polyester, Polyester formed, Polyother, Polyvinyl  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

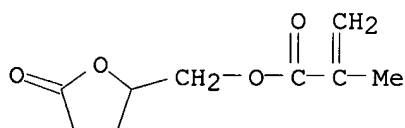
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CRN 342014-18-0  
 CMF C14 H22 O2



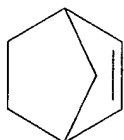
CM 2

CRN 156938-09-9  
 CMF C9 H12 O4



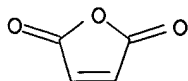
CM 3

CRN 498-66-8  
 CMF C7 H10



CM 4

CRN 108-31-6  
 CMF C4 H2 O3

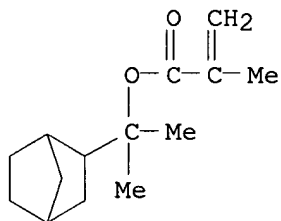


1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L30 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS  
RN 379257-75-7 REGISTRY  
CN 2-Propenoic acid, 2-methyl-, 1-bicyclo[2.2.1]hept-2-yl-1-methylethyl  
ester, polymer with 3-hydroxytricyclo[3.3.1.1<sup>3,7</sup>]dec-1-yl  
2-methyl-2-propenoate and (tetrahydro-5-oxo-2-furanyl)methyl  
2-methyl-2-propenoate (9CI) (CA INDEX NAME)  
MF (C14 H22 O2 . C14 H20 O3 . C9 H12 O4)x  
CI PMS  
PCT Polyacrylic, Polyester, Polyester formed  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

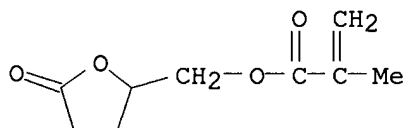
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CRN 342014-18-0  
CMF C14 H22 O2



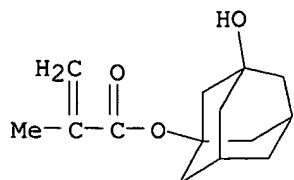
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CRN 156938-09-9  
CMF C9 H12 O4



CM 3

CRN 115372-36-6  
CMF C14 H20 O3

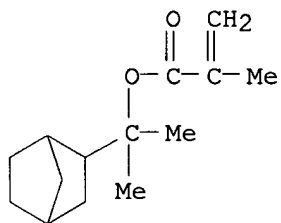


1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L30 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS  
RN 379257-73-5 REGISTRY  
CN 2-Propenoic acid, 2-methyl-, 1-bicyclo[2.2.1]hept-2-yl-1-methylethyl ester, polymer with (tetrahydro-5-oxo-2-furanyl)methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)  
MF (C14 H22 O2 . C9 H12 O4)x  
CI PMS  
PCT Polyacrylic, Polyester, Polyester formed  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

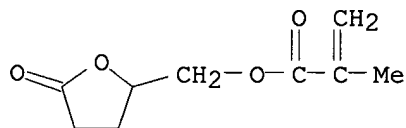
CM 1

CRN 342014-18-0  
CMF C14 H22 O2



CM 2

CRN 156938-09-9  
CMF C9 H12 O4



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s l31 not l30  
L33 0 L31 NOT L30

=>

L42 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2002 ACS

RN 379257-83-7 REGISTRY

CN Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, 1,1-dimethylethyl ester,  
polymer with 2,5-furandione, 2-methyltricyclo[3.3.1.1<sup>3,7</sup>]dec-2-yl  
2-methyl-2-propenoate and (tetrahydro-3,3-dimethyl-5-oxo-2-furanyl)methyl  
bicyclo[2.2.1]hept-5-ene-2-carboxylate (9CI) (CA INDEX NAME)

MF (C15 H22 O2 . C15 H20 O4 . C12 H18 O2 . C4 H2 O3)x

CI PMS

PCT Polyacrylic, Polyester, Polyester formed, Polyother, Polyvinyl

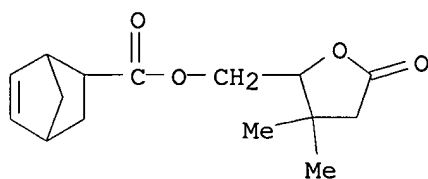
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 379257-70-2

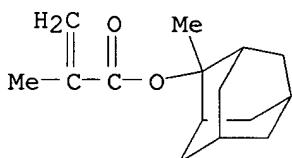
CMF C15 H20 O4



CM 2

CRN 177080-67-0

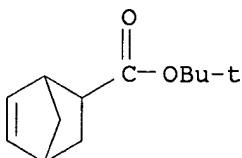
CMF C15 H22 O2



CM 3

CRN 154970-45-3

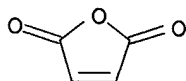
CMF C12 H18 O2



CM 4

CRN 108-31-6

CMF C4 H2 O3

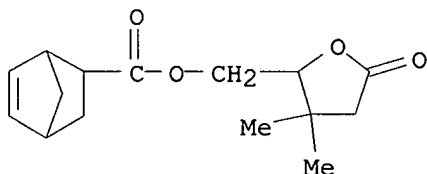


1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L42 ANSWER 2 OF 7 REGISTRY COPYRIGHT 2002 ACS  
RN 379257-82-6 REGISTRY  
CN Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, 1,1-dimethylethyl ester,  
polymer with 2,5-furandione and (tetrahydro-3,3-dimethyl-5-oxo-2-  
furanyl)methyl bicyclo[2.2.1]hept-5-ene-2-carboxylate (9CI) (CA INDEX  
NAME)  
MF (C15 H20 O4 . C12 H18 O2 . C4 H2 O3)x  
CI PMS  
PCT Polyester, Polyester formed, Polyether, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

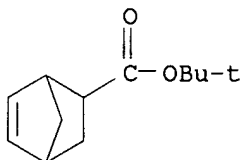
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CRN 379257-70-2  
CMF C15 H20 O4



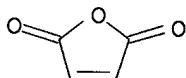
CM 2

CRN 154970-45-3  
CMF C12 H18 O2



CM 3

CRN 108-31-6  
CMF C4 H2 O3

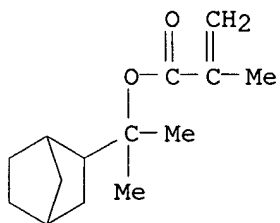


1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L42 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2002 ACS  
RN 379257-78-0 REGISTRY  
CN Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, (tetrahydro-5-oxo-2-furanyl)methyl ester, polymer with bicyclo[2.2.1]hept-2-ene, 1-bicyclo[2.2.1]hept-2-yl-1-methylethyl 2-methyl-2-propenoate and 2,5-furandione (9CI) (CA INDEX NAME)  
MF (C14 H22 O2 . C13 H16 O4 . C7 H10 . C4 H2 O3)x  
CI PMS  
PCT Polyacrylic, Polyester, Polyester formed, Polyother, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

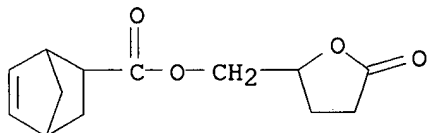
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CRN 342014-18-0  
CMF C14 H22 O2



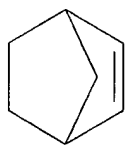
CM 2

CRN 264193-11-5  
CMF C13 H16 O4



CM 3

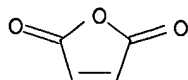
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CMF C7 H10



CM 4



CRN 108-31-6  
CMF C4 H2 O3

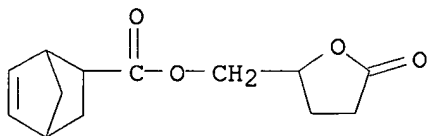


1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L42 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2002 ACS  
RN 379257-77-9 REGISTRY  
CN Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, (tetrahydro-5-oxo-2-furanyl)methyl ester, polymer with bicyclo[2.2.1]hept-2-ene, 2,5-furandione and 2-methyltricyclo[3.3.1.1<sup>3,7</sup>]dec-2-yl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)  
MF (C15 H22 O2 . C13 H16 O4 . C7 H10 . C4 H2 O3)x  
CI PMS  
PCT Polyacrylic, Polyester, Polyester formed, Polyother, Polyvinyl  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

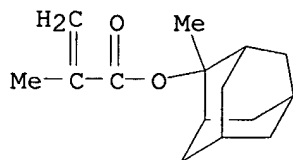
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CRN 264193-11-5  
CMF C13 H16 O4



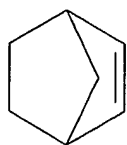
CM 2

CRN 177080-67-0  
CMF C15 H22 O2



CM 3

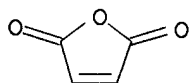
CRN 498-66-8  
CMF C7 H10



CM 4

CRN 108-31-6

CMF C4 H2 O3



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L42 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2002 ACS

RN 264193-12-6 REGISTRY

CN Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, (tetrahydro-5-oxo-2-furanyl)methyl ester, polymer with bicyclo[2.2.1]hept-5-ene-2-carbonitrile (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Bicyclo[2.2.1]hept-5-ene-2-carbonitrile, polymer with (tetrahydro-5-oxo-2-furanyl)methyl bicyclo[2.2.1]hept-5-ene-2-carboxylate (9CI)

MF (C13 H16 O4 . C8 H9 N)x

CI PMS

PCT Polyester, Polyester formed, Polyother

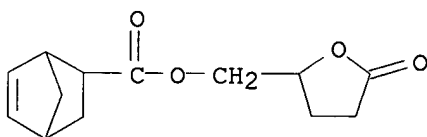
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 264193-11-5

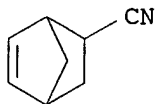
CMF C13 H16 O4



CM 2

CRN 95-11-4

CMF C8 H9 N



1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L42 ANSWER 6 OF 7 REGISTRY COPYRIGHT 2002 ACS

RN 172955-00-9 REGISTRY

CN D-Ribonic acid, 2,3-O-(1-methylethylidene)-, .gamma.-lactone,  
5-bicyclo[2.2.1]hept-5-ene-2-carboxylate, polymer with  
1,2:3,4-bis-O-(1-methylethylidene)-.alpha.-D-galactopyranose  
bicyclo[2.2.1]hept-5-ene-2-carboxylate, block (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN .alpha.-D-Galactopyranose, 1,2:3,4-bis-O-(1-methylethylidene)-,  
bicyclo[2.2.1]hept-5-ene-2-carboxylate, polymer with 2,3-O-(1-  
methylethylidene)-D-ribonic acid .gamma.-lactone 5-bicyclo[2.2.1]hept-5-  
ene-2-carboxylate, block (9CI)

FS STEREOSEARCH

MF (C20 H28 O7 . C16 H20 O6)x

CI PMS

PCT Polyester, Polyester formed, Polyother

SR CA

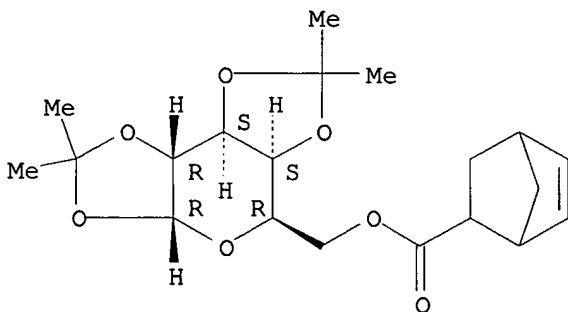
LC STN Files: CA, CAPLUS

CM 1

CRN 172954-94-8

CMF C20 H28 O7

Absolute stereochemistry.

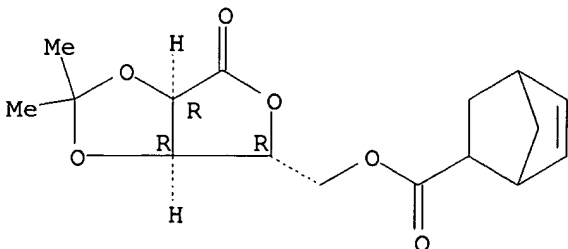


CM 2

CRN 172954-92-6

CMF C16 H20 O6

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

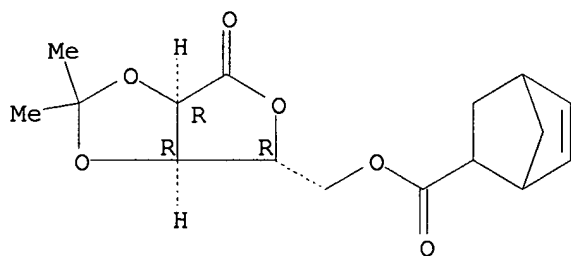
L42 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2002 ACS  
RN 172954-93-7 REGISTRY  
CN D-Ribonic acid, 2,3-O-(1-methylethylidene)-, .gamma.-lactone,  
5-bicyclo[2.2.1]hept-5-ene-2-carboxylate, homopolymer (9CI) (CA INDEX  
NAME)  
FS STEREOSEARCH  
MF (C16 H20 O6)x  
CI PMS  
PCT Polyester, Polyester formed  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 172954-92-6

CMF C16 H20 O6

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

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